

SEQUENCE LISTING

<110> The Board of Regents of the University of Nebraska

<120> IDENTIFICATION OF VIRULENCE DETERMINANTS

<130> UNL 2999.01

<150> US 60/175,433

<151> 2000-01-11

<160> 6

<170> PatentIn version 3.0

<210> 1

<211> 20

<212> DNA

<213> Artificial/Unknown

<220>

<221> misc_feature

<222> ()..()

<223> Primer

<400> 1

ggtcagcgca ggcgaagccc

20

<210> 2

<211> 20

<212> DNA

<213> Artificial/Unknown

<220>

<221> misc_feature

<222> ()..()

<223> Primer

<400> 2

gccaggtcca cactgcccc

20

<210> 3

<211> 19

<212> DNA

<213> Mycobacterium smegmatis

<220>

<221> misc_feature

<222> (1)..(19)

<223> Transposon

<400> 3

tggttaacggg ctcttcgca

19

<210> 4
<211> 19
<212> DNA
<213> Mycobacterium smegmatis

<220>
<221> misc_feature
<222> (1)..(19)
<223> Transposon

<400> 4
tgcgaagagc ctgttaacg

19

<210> 5
<211> 23
<212> PRT
<213> Mycobacterium paratuberculosis

<400> 5

Arg Arg Thr Gly Pro Val Gly Ile Ser Ala Val Ala Ala Leu His Gly
1 5 10 15

Trp Ser Asp Ser Gly Gln Pro
20

<210> 6
<211> 23
<212> PRT
<213> Mycobacterium leprae

<400> 6

Gln Arg Thr Ala Pro Phe Gly Val Pro Ala Ala Asp Ala Leu Arg Gly
1 5 10 15

Trp Leu Asp Asp Gly Arg Pro
20

SEQUENCE LISTING

<110> The Board of Regents of the University of Nebraska

<120> IDENTIFICATION OF VIRULENCE DETERMINANTS

<130> UNL 2999.01

<150> US 60/175,433

<151> 2000-01-11

<160> 6

<170> PatentIn version 3.0

<210> 1

<211> 20

<212> DNA

<213> Artificial/Unknown

<220>

<221> misc_feature

<222> ()..()

<223> Primer

<400> 1

ggtcagcgca ggcgaagccc

20

<210> 2

<211> 20

<212> DNA

<213> Artificial/Unknown

<220>

<221> misc_feature

<222> ()..()

<223> Primer

<400> 2

gccaggtcca cactgcccc

20

<210> 3

<211> 19

<212> DNA

<213> Mycobacterium smegmatis

<220>

<221> misc_feature

<222> (1)..(19)

<223> Transposon

<400> 3

tgttaacggg ctcttcgca

19

<210> 4
<211> 19
<212> DNA
<213> Mycobacterium smegmatis

<220>
<221> misc_feature
<222> (1)..(19)
<223> Transposon

<400> 4
tgcgaagagc ctgttaacg

19

<210> 5
<211> 23
<212> PRT
<213> Mycobacterium paratuberculosis

<400> 5

Arg Arg Thr Gly Pro Val Gly Ile Ser Ala Val Ala Ala Leu His Gly
1 5 10 15

Trp Ser Asp Ser Gly Gln Pro
20

<210> 6
<211> 23
<212> PRT
<213> Mycobacterium leprae

<400> 6

Gln Arg Thr Ala Pro Phe Gly Val Pro Ala Ala Asp Ala Leu Arg Gly
1 5 10 15

Trp Leu Asp Asp Gly Arg Pro
20